ı	CERTIFICATE OF MAILING OR TRANSMISSION								
	hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail (label number EV132466848US) in an envelope addressed to: Mail Stop: New Application, Commissioner For Patents P.O. Box 1450, Alexandria VA 22313-1450 on under the provisions of 37 CFR §1.10.								
Maiter's Name (Print/Type) Lee Ann DiLello Signature Date 12/19/2003									
	010	UTILITY		Attorney Docket No. ATMI-660					
	PATENT APPLICATION			First Inventor Shawn Ferron					
	TRANSMITTAL			Title Apparatus and Method for Controlled Combustion of Gaseous Pollutants					
		(Only for new non-provisional applications under 37 CFR 1.53(b)) APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.			Commissioner for Patents				
	See MPEP chapter 600 cond				ADDRESS TO: P.O. Box 1450 Alexandria, VA 22313				
	X Fee Transmittal For (Submit an original and a	(Submit an original and a duplicate for fee processing)				7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. Computer Readable Form (CRF)			
	2. Applicant claims sr See 37 CFR 1.27.	mall entity status.			icleotide and/or Amino applicable, all necessary)	Acid Sequ	ence Submission		
	3. X Specification (preferred arrangement s	[Total Pages 30		а.	Computer Read	able Form	(CRF) $\overset{\circ}{\circ}$		
	- Descriptive Title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure			 b. Specification Sequence Listing on: i CD-ROM or CD-R (2 copies); or ii paper c. · Statements verifying identity of above copies 					
				ACCOMPANYING APPLICATION PARTS					
				9. Assignment Papers (cover sheet & document(s)) 37 CFR 3.73(b) Statement Power of					
				10. (when there is an assignee) Attorney 11. English Translation Document (if applicable)					
	4. X Drawing(s) (35 U.S	S.C. 113) [Total Sheets 3	┥,	12.	Information Disc	losure	Copies of IDS		
	a. Newly executed (original or copy)		٦,	13. Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment					
	Copy from a prior application (37 CFR 1.63 (d))			Return Receipt Postcard (MPEP 503)					
	(for continuation/divisional with Box 18 completed) j. DELETION OF INVENTOR(S)			14. (Should be specifically itemized) 15. (Should be specifically itemized) 15. (if foreign priority is claimed)					
	Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).			16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35					
	6. Application Data Sheet. See 37 CFR 1.76				or its equivalent. Other:				
	18 If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,								
	or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation Divisional Continuation-in-part (CIP) of prior application No.:								
	Prior application information: Examiner Group Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b								
is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>caonly</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS									
								Customer Number or Bar Code Label (Insert Customer No. or Attach bar code la	
	Name ADVANCED TECHNOLOGY MATER				IALS, INC.				
	Address 7 Commerce Drive		7/2 Code 20040						
	Country	Danbury	Tala	State	(203) 704 1100	Zip Code Fax			
	Country USA Teleph				(203) 794-1100	Idx	(203) 797-2544		
	Name (Print/type) Margaret Chappuis			Re	egistration No. (Attome	ey/Agent)	45,735		
	Signature	Mary out Chap			Date	12/19/2003			

Approved for use through 07/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Complete if Known FEE TRANSMITTAL Application Number Filing Date for FY 2004 Shawn Ferron First Named Inventor Effective 10/01/2003. Patent fees are subject to annual revision. **Examiner Name** Applicant claims small entity status. See 37 CFR 1.27 Art Unit (\$) 914TOTAL AMOUNT OF PAYMENT ATMI-660 Attorney Docket No. METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued) Money 3. ADDITIONAL FEES Check Credit card Other None Order Large Entity | Small Entity ✓ Deposit Account: Fee Fee Fee Description Deposit Code (\$) Code (\$) Fee Paid 50-0860 Account 2051 1051 130 65 Surcharge - late filing fee or oath Number Deposit 2052 Surcharge - late provisional filing fee or 1052 50 Advanced Technology Mater cover sheet Name 1053 130 1053 130 Non-English specification The Director is authorized to: (check all that apply) 1812 2,520 1812 2,520 For filing a request for ex parte reexamination ✓ Credit any overpayments Charge fee(s) indicated below 920* Requesting publication of SIR prior to 920 1804 1804 Charge any additional fee(s) or any underpayment of fee(s) Examiner action Charge fee(s) indicated below, except for the filing fee Requesting publication of SIR after 1805 1,840 1805 1,840* Examiner action to the above-identified deposit account. 1251 110 2251 55 Extension for reply within first month **FEE CALCULATION** 210 Extension for reply within second month 2252 1252 420 1. BASIC FILING FEE 2253 1253 950 475 Extension for reply within third month arge Entity Small Entity Fee Paid Fee Description 2254 1254 1.480 740 Extension for reply within fourth month 1,005 Extension for reply within fifth month 1255 2,010 2255 1001 770 2001 385 Utility filing fee 770 330 2401 1401 165 Notice of Appeal 1002 340 2002 170 Design filing fee 1402 330 2402 165 Filing a brief in support of an appeal 2003 265 1003 530 Plant filing fee 145 Request for oral hearing 1403 290 2403 1004 770 2004 385 Reissue filing fee 1451 1,510 Petition to institute a public use proceeding 1005 160 2005 Provisional filing fee 1451 1.510 1452 110 2452 55 Petition to revive - unavoidable SUBTOTAL (1) (\$) 770 1453 1,330 2453 665 Petition to revive - unintentional 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 1501 1,330 2501 665 Utility issue fee (or reissue) Fee from Extra Claims Fee Paid 1502 480 2502 below 240 Design issue fee **Total Claims** x 118 144 1503 2503 640 320 Plant issue fee Independent x 130 1460 130 Petitions to the Commissioner 1460 Multiple Dependent 1807 50 1807 50 Processing fee under 37 CFR 1.17(q) Large Entity **Small Entity** 1806 180 1806 180 Submission of Information Disclosure Stmt Fee Description Fee Fee 40 Recording each patent assignment per Code (\$) Code (\$) 40 8021 8021 property (times number of properties) 1202 9 Claims in excess of 20 18 2202 385 Filing a submission after final rejection (37 CFR 1.129(a)) 1809 770 2809 Independent claims in excess of 3 1201 86 43 2201 1203 290 2203 145 Multiple dependent claim, if not paid 1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b)) Reissue independent claims 1204 86 2204 43 over original patent 1801 770 2801 385 Request for Continued Examination (RCE) 900 Request for expedited examination 900 1802 1205 18 2205 ** Reissue claims in excess of 20 1802 of a design application and over original patent Other fee (specify) $(\$)^{14\overline{4}}$ SUBTOTAL (2) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) **or number previously paid, if greater; For Reissues, see above SUBMITTED BY (Complete (if applicable)) Registration No. 45,735 Name (Print/Type) Margaret Chappuis Telephone 203-794-1100

12/19/2003 Signature Date WARNING: Information on this form may become public. Credit card Information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.